

INDEX OF AUTHORS.

- ABOULKER, HENRI, 187.
 Agnew, F. F., 44.
 Allport, Frank, 335, 424, 426.
 Andrews, A. H., 167, 168.
 Ard, 381.
 Arnal, 173.
 Axisa, 182.
- BABBITT, JAMES A., 111.
 Bacon, Gorham, 59, 123, 124.
 Ballenger, William L., 155, 158, 167.
 Barndollar, W. P., 516.
 Barnhill, John F., 886, 897, 900, 906, 923, 939, 947.
 Bechet, Paul E., 951.
 Beck, Joseph C., 139, 142, 154, 156, 160, 398, 399, 417, 425, 597, 713, 718, 726, 963, 969, 973, 984, 985, 986, 988, 989.
 Beck, Oscar, 25.
 Berens, T. P., 388, 389.
 Blackwell, Hugh B., 681.
 Boot, George W., 420, 425, 427, 554, 725, 733, 734, 739, 960, 961, 988.
 Borden, Charles R. C., 1, 111, 118.
 Braun, 377.
 Brown, Samuel Horton, 95.
 Bryan, J. H., 543.
 Bryant, W. S., 171, 700.
 Burns, Louis J., 841.
 Butler, Ralph, 947.
 Byrne, Joseph, 371, 392, 694, 695, 701, 704.
- CARMODY, T. E., 193.
 Carter, William Wesley, 364, 366, 367, 368, 391.
 Casselberry, William E., 889, 896, 907, 909, 924, 928, 939.
 Cavanaugh, John A., 621, 713, 717, 738.
 Chambers, 390, 709.
 Chappell, Walter F., 932.
 Chiari, 190.
 Clark, J. Payson, 884.
 Coakley, Cornelius C., 905, 913, 915.
 Coates, George Morrison, 785.
 Cocks, Gerhard Hutchison, 183, 371, 374.
- Coffin, Lewis A., 887, 897, 917, 924, 925.
 Corwin, A. M., 163, 168, 404, 742.
 Cott, George F., 96.
 Cox, Charles N., 46.
- DABNEY, VIRGINIUS, 530, 893, 894.
 Danziger, E., 693, 697, 951.
 Dean, L. W., 421, 733, 738, 867, 961, 963, 964.
 Delavan, D. Bryson, 113, 912, 913.
 Dench, 125, 695, 697, 698, 699, 701, 703.
 Dixon, G. S., 124, 128, 707, 708, 709.
 Dougherty, Daniel S., 956.
 Downey, J. W., 613.
 Duel, A. E., 388.
 Dwyer, J. G., 111, 367, 371, 375, 684, 686, 687, 691, 861, 955, 959.
- EAGLETON, W. P., 117, 354.
 Emerson, Francis P., 834.
 Escat, 186.
- FLETCHER, J. R., 154, 398, 399, 591, 711, 721, 723, 731, 732, 741, 744, 964.
 Frank, Ira, 721.
 Freer, Otto T., 133, 138, 141, 400, 402, 411, 412, 909, 914, 920, 926, 931.
 Freudenthal, Wolff, 178.
 Friedberg, S. A., 406, 419, 736.
 Friedenwald, Harry, 613.
 Friesner, Isidore, 370, 378, 381, 692, 694, 695, 696, 950.
- GESEZ, 185.
 Geyser, Albert C., 171.
 Gignoux, 172.
 Gile, Ben C., 747.
 Goldman, 177.
 Goldstein, Max A., 935.
 Good, R. H., 398, 401, 723, 738, 971, 973.
 Goodale, J. L., 269, 933, 935.
 Goodman, Charles, 851.
 Gordon, L. E., 322, 404, 409, 412.
 Gradle, H. S., 407.
 Greene, D. Crosby, Jr., 888.
 Griffiths, E. H. M., 407.

- Grinker, Jullus, 981, 988, 989.
 Guentzer, 356.
 Guttman, J., 366, 391, 858, 951, 954, 955.
 HALSTED, T. H., 945, 947.
 Harris, M. L., 149.
 Harris, T. J., 363, 367, 375, 953.
 Haseltine, Burton, 979.
 Haskin, W. H., 373, 957.
 Hatch, W. G., 416.
 Haughey, Wilfrid, 15.
 Hayden, A. A., 724.
 Hays, Harold, 287, 571, 706, 709, 950, 951.
 Held, 390.
 Heller, 390.
 Herzig, Arthur J., 191.
 Hollinger, J., 141, 149, 150, 164, 327, 406, 410, 414, 418, 419, 424, 963, 976, 986.
 Hopkins, Frank T., 368, 370, 371.
 Hubbard, Thomas, 883, 891, 900, 922, 929, 939.
 Hubby, L. M., 307, 394.
 Hurd, L. M., 684, 685, 686.
 IGLAUER, SAMUEL, 303.
 Imhofen, 188.
 Imperatori, C. J., 390, 660, 689.
 Ingals, E. Fletcher, 885, 901, 924, 936, 940, 941.
 JACKSON, CHEVALIER, 759.
 Jeanneret, 185.
 Jones, W. D., 30.
 KAHN, ALFRED, 705.
 Kahn, Harry, 322, 398, 404, 408, 409, 414, 721, 736, 969.
 Keith, 978.
 Kenefick, J. A., 116, 127, 689, 696.
 Kenyon, E. L., 413.
 Kerley, Charles G., 114.
 Kerrison, P., 114, 115, 376, 377, 389.
 Killian, 182.
 Kopetzky, S. J., 367, 379, 381, 383, 393, 566, 686, 687, 688, 693, 696, 697, 698, 706, 707, 709.
 Kyle, J. J., 34.
 LA FETRA, 355.
 Law, 127.
 Lederman, M. D., 123, 360.
 Leland, George A., 907, 948.
 Leshure, John, 854, 953, 954.
 Levy, Robert, 899, 901.
 Lewald, 128.
 Lewis, Dean D., 132, 138.
 Lewis, F. O., 488.
 Lewy, Alfred, 730, 731, 732.
 Libman, E., 956.
 Liebault, 186.
 Loeb, H. W., 401, 636, 715, 722, 906, 929.
 Logan, James E., 889, 894, 908, 929.
 Lombard, 188.
 Long, Charles H., 740, 741, 976, 978.
 Loughran, Robert L., 673, 676, 686, 687.
 Lynch, R. C., 429, 889, 937, 940.
 MAC KENTY, JOHN E., 63.
 MacLay, Otis H., 149, 730, 740.
 Makuen, G. H., 12, 895, 898, 928, 948.
 Marquis, G. P., 52, 154, 158, 168, 880, 969, 970.
 Matthews, 361.
 Maurice, 175.
 Mayer, Emil, 887, 901, 908, 934.
 McBean, George M., 874, 965, 968.
 McFarland, W. L., 955.
 McKernon, J. F., 359.
 Mermoid, 181.
 Meyer, A. W., 257.
 Meyer, Leo B., 361.
 Mikkelsen, G. S., 742.
 Mosher, Harris P., 889, 918, 925, 943.
 Moure, 174, 179.
 Mulholland, J. A., 485, 689, 691.
 Munger, Carl E., 85.
 Myers, Harry L., 800.
 Mygind, Holger, 177.
 NICOLL, M., JR., 115.
 Norcross, E. P., 411.
 OERTEL, T. E., 763.
 Oppenheimer, S., 348, 354.
 PAGE, J. R., 376, 954, 955.
 Perkins, Charles E., 664, 696, 699, 703.
 Phillips, W. C., 366, 367, 370, 374, 821.
 Pierce, N. H., 146, 150, 163, 332, 407, 416, 424, 427, 428, 735, 736, 741, 974, 975, 976, 987, 988.
 Plsek, 358.
 Potella, 176.
 Pognat, 189.

- RAOULE, 180.
Rene-Celles, 180.
Richards, George L., 561, 936, 941, 948.
Richardson, Charles W., 893, 901, 923, 927, 931.
Robertson, Charles M., 142, 151, 154, 156, 158, 161, 319, 400, 402, 716.
Robinson, John A., 363.
Rochester, Alex S., 335, 424.
Rogers, John, 352.
Roy, Dunbar, 629, 892.
Ruttin, 181.

SARI, 187.
Sayre, 361.
Schoolman, N., 408.
Scruton, William A., 310, 375, 379.
Shambaugh, G. E., 129, 138, 165, 168, 421, 479, 718, 730, 731, 733, 734, 896, 921, 926, 930, 931, 962, 965.
Sharpe, 698, 700, 702, 703.
Shurley, Burt R., 934.
Sluder, Greenfield, 898, 902, 910, 931, 942, 944.
Smith, Harmon, 886, 894, 922, 935, 938, 941, 948.
Smith, Owen, 809.

Sonnenschein, Robert, 406, 712, 715, 723, 733, 967, 969.
Sowers, Alva, 988.
Spencer, Frank R., 680.
Sperry, 362.
Stark, H. H., 48.
Stein, Otto J., 153, 154, 169, 395, 398, 399, 407, 410, 421, 427, 428, 669, 729, 730, 740, 741.
Stewart, 128.
Stout, George C., 904, 911.
Swain, Henry L., 888, 897, 922, 927, 948.

THRASHER, ALLEN B., 885.

VAIL, D. T., 720.
Van Wagenen, C. D., 682.

WALKER, 407.
Weissmann, 175.
Welty, Cullen F., 848.
White, Francis W., 382, 391.
Whiting, F., 123, 126.
Wilson, J. Gordon, 154, 158, 896, 910, 915, 925, 961, 967, 968.
Wilson, Norton, 118, 362, 374.
Winslow, John R., 501.
Wishart, D. J. Gibb, 641.

INDEX OF TITLES.

- AESCESS**, brain, Guttman, 858, 954; Haseltine, 979; Hopkins, 368; Kopetzky, 696; Leshure, 854; Richards, 561; Stein, 395.
Abscess, cerebellum, Haseltine, 979.
Abscess, epidural, Loughran, 676, 686.
Abscess, extradural meningitic, Beck, 25.
Abscess, frontal sinus, Pierce, 976.
Abscess, mastoid, Bryan, 543.
Abscess, temporosphenoidal, Leshure, 953.
Abducens paralysis following acute mastoiditis, Myers, 800.
Abstracts from current literature, 171.
Adentitis, tubercular, prelaryngeal, Liebault, 186.
Adenoids, eye, Oertel, 763.
Adenoids, throat, Oertel, 763.
Adenotonsillectomy, Oertel, 763.
Adrenalin in ear diseases, Goldman, 177.
Air tract, upper, and protein abstract, fruit and pollen, Chapell, 932.
American Laryngological Association, 383.
Anaphylaxis and hay fever, Hays, 287.
Anesthesia, local, in ear operation, Arnal, 173.
Anesthesia, local versus general, in nose and throat operations, Beck, 597, 718.
Anesthetic, local, quinin and urea hydrochlorid, Burns, 841.
Angina, Vincent's, lingual tonsil alone, Gesez, 185.
Angina, Vincent's, successfully treated by sodium perborate, Stark, 48.
Angioma ala nasi, Rene-Celles, 180.
Antiseptic treatment tonsillar fossae, Marquis, 880, 969.
Antrotomy in acute mastoiditis, immediate closure, Moure, 174.
Antrum puncture, accidents, Killian, 182.
Auditory canal, pulsation distal end, Stein, 729.
Auditory meatus, internal, puncture, Dean, 867, 961.
Auditory reeducation in connection with heat, Maurice, 175.
Auricle, dermatoses, Bechet, 951.
Autoserum in hay fever, Hays, 287.
BACILLUS rarely found in tonsil, Wilson, 158.
Bacterial vaccine therapy in diseases of ear, Haughey, 15.
Bacteriology acute otitis media, mastoiditis and complications, Dwyer, 861, 955.
Blood cultures, Dwyer, 955.
Blood examination, foreign body in lung, Richards, 936.
Brain abscess, Guttman, 858, 954; Haseltine, 979; Hopkins, 368; Kopetzky, 696; Leshure, 854; Richards, 561; Stein, 395.
Bronchoscopy, fluoroscopic, Ingals, 936.
Bronchus, upper lobe, foreign bodies, Jackson, 759.
CANCER, laryngectomy, Lombard, 188.
Cancer, larynx, Pugnatz, 189; Stein, 153.
Cancer, throat, Boot, 420.
Cancer, upper jaw, Beck, 417.
Cartilage, transplantation in septal deformities, Lewis, 488.
Cerebellum abscess, Haseltine, 979.
Cerebral abscess eight years after recovery otitis media, mastoiditis, meningitis, Kopetzky, 566, 696.
Chicago Laryngological and Otolological Society, 129, 153, 395, 416, 711, 729, 960, 971.
Chicago Surgical Society, 129.
Choana fibroma, Pierce, 332, 427.
Choana, growth, Pierce, 974.

- Choked disc following thrombosis lateral sinus, decompression, Downey, 613.
- Cholesteatoma, Emerson, 834; Hurd, 684; Loughran, 676, 686.
- Cicatrix following prolonged X-ray exposure, Bechet, 953.
- Cleft palate, Smith, 809.
- Cords, vocal, paralysis, Long, 976.
- DEAFNESS, catarrhal, physiologic treatment, Geyser, 171.
- Deafness, middle ear, Bryant, 171.
- Deafness, specific, Dwyer, 111.
- Decompression for choked disc following thrombosis lateral sinus, Downey, 613.
- Dermatoses auricle, Bechet, 951.
- Diathermo-kinesiphone, Maurice, 175.
- Drum membrane perforation, Bacon, 59, 123.
- Duct, tear, removal, Beck, 984.
- Dura incision, exploratory, Loughran, 676, 686.
- Dura puncture for vertigo, Dean, 867, 961.
- Dysphagia tuberculosis, Aboulker, 187.
- EAR, artificial, Brown, 95.
- Ear discharge, cultivation of tubercle bacillus, Cocks, Dwyer, 371.
- Ear disease, bacterial vaccine therapy, Haughey, 15.
- Ear diseases, adrenalin, Goldman, 177.
- Ear infection with Vincent's microorganisms, Mulholland, 485, 689.
- Ear operation, local anesthesia, Arnal, 173.
- Endothelioma trachea, Goodman, 851.
- Eosinophilia and hay fever, Hays, 287.
- Epidural abscess, Loughran, 676, 686.
- Epithelioma palatine recesses, Escat, 186.
- Esophagus carcinoma, Boot, 420.
- Esophagus, miliary tuberculosis, Boot, 420.
- Ethmoid and frontal disease operated by Killian method, Pierce, 976.
- Ethmoid exenteration, Robertson, 319, 400.
- Ethmoid labyrinth, intranasal exenteration, Mosher, 917.
- Eustachian tube curettage, Emerson, 834.
- Eustachian tube patency, Hubby, 307, 394.
- Exanthemata and middle ear infection, Borden, 1, 111.
- Eye adenoids and relation throat adenoids, Oertel, 763.
- FACE injury, crushing, Boot, 960.
- Facial contractions during radical mastoid operation, Perkins, 664, 699.
- Faucial tonsil capsule, surgical anatomy, Makuen, 895.
- Fibroma choana, Pierce, 332, 427.
- Fibroma nasopharynx, Delavan, 912.
- Fluoroscopic bronchoscopy, Ingals, 936.
- Foreign body lung, Richards, 936.
- Foreign body nose, Pierce, 975.
- Foreign body pharynx, Cox, 46.
- Foreign bodies, upper lobe bronchus, Jackson, 759.
- Frontal abscess acute, Pierce, 976.
- Frontal sinus cases operated intranasally, Good, 971.
- Frontal sinus disease operated Killian method, Pierce, 976.
- Frontal sinus, opening through nose, Freer, 920.
- Fruits, protein extracts, effect on upper air tract, Chappell, 932.
- GANGLION, nasal, in relation with hyperplastic sphenoiditis, Sluder, 902.
- Ganglion, sphenopalatine, neurosis, Sluder, 942.
- Glasses for nystagmus observation, Wilson, 961.
- Gradenigo's syndrome, Myers, 800.
- HAMMOND'S mastoid skin grafting, Allport, 335, 424.
- Hare lip with complete cleft palate, Smith, 809.
- Hay fever, Goodale, 269, 933; Hays, 287.
- Headaches due to nonsuppurative intranasal conditions, Stout, 904.
- Hearing tube, Sonnenschein, 712.

- Heliotherapy in laryngeal tuberculosis, Sari, 187.
 Hemorrhage following removal of faucial tonsil, Agnew, 44.
 Hydroorrhea nasalis, Beck, 984.
- INFECTION** in exanthemata of middle ear origin, Borden, 1, 111.
 Injury, face, crushing, Boot, 960.
 Intranasal conditions, nonsuppurative, causing headaches, Stout, 904.
 Intranasal exenteration ethmoid labyrinth in pansinusitis, Mosher, 918.
 Intranasal frontal sinus operation, Good, 971.
- KILLIAN** operation in frontal and ethmoidal disease, Pierce, 976.
- JOINTS**, inflammatory processes complicating suppurative otitis media, Oppenheimer, 348.
 Jugular ligation, White, 382.
 Jugular resection, Bryan, 543.
 Jugular thrombosis, Bryan, 543.
- LABYRINTH** disease, etiology, Shambaugh, 479.
 Labyrinth exenteration, radical, Emerson, 834.
 Labyrinth fistula, radical operation, Friesner, 692.
 Labyrinth irritation causing vertical nystagmus, Lewy, 730.
 Labyrinth operation, Beck, 985.
 Labyrinth probe, Spencer, 680.
 Labyrinth vertigo following chronic suppurative otitis media with cholesteatoma, Emerson, 834.
 Labyrinthitis, chronic, due to cholesteatoma, Hurd, 684.
 Laryngeal motor paralysis, differential diagnosis, Stein, 669, 740.
 Laryngeal nerve, superior, resection, Aboulker, 187.
 Laryngectomy cancer, Lombard, 188.
 Laryngofissure in complete laryngeal stenosis, Beck, 139.
 Laryngologic diseases among negroes, Roy, 892.
 Laryngoscopy, suspension, Lynch, 429.
- Laryngostomy in complete laryngeal stenosis, Beck, 129.
 Larynx, cancer, Pognat, 189; Stein, 153.
 Larynx papilloma, Chiari, 190; Hubbard, 883.
 Larynx scleroma, Boot, 961.
 Larynx stenosis, complete, operated by laryngofissure and laryngostomy, Beck, 139.
 Larynx tuberculosis, Holinger, 327, 410; Imhofen, 188; Long, 978; Sari, 187.
 Larynx, ventricle, Shambaugh, 129.
 Lateral sinus thrombosis, Boot, 554, 733; Bryan, 543; Downey, 613; Good, 971; Kopetzky, 383; White, 389.
 Leprosy, Bechet, 952.
 Leptomeningitis, otogenous, Mygind, 177.
 Lingual leucoplakia, Levy, 899.
 Lumbar puncture, Mygind, 177.
 Lung, foreign body, Richards, 936.
 Lupus erythematosus, Bechet, 951, 952.
 Lymphangioma, Fletcher, 711.
- MASTOID** abscess, Bryan, 543.
 Mastoid operation, simple, Emerson, 834; Kyle, 34; Scruton, 310, 375; Van Wagenen, 682; Weissmann, 175; Welty, 848.
 Mastoid operation, radical, Blackwell, 681; Friesner, 692; Perkins, 664, 699; Robertson, 142.
 Mastoid skiagraphy, Dixon, 124; Hays, 571, 706.
 Mastoid skin grafting, Hammond's, Allport, 335, 424.
 Mastoiditis, Carter, 364; Dwyer, 861, 955; Imperatori, 660, 689; Jones, 30; Kopetzky, 566, 696; Loeb, 636; Loughran, 676, 686; Moure, 174; Myers, 800; Potella, 176; White, 382.
 Maxilla, superior, surgical disease, Barndollar, 516.
 Meatus, auditory, internal, puncture, Dean, 867.
 Membrana tympani, pulsation, Stein, 729.
 Meningeal artery hemorrhage through middle ear in fracture skull, Kopetzky, 379.
 Meningitic suppurative extradural abscess, Beck, 25.

- Meningitis and otitis media, Kopetzky, 566, 696; Loughran, 673, 686.
- Middle ear, anomalous condition, Stein, 729.
- Middle ear curettage with simple mastoid, Emerson, 834.
- Middle ear deafness, Bryant, 171.
- Middle ear hemorrhage, Kopetzky, 379.
- Middle ear infection in exanthemata, Borden, 1, 111.
- Middle meningeal artery rupture in fracture base skull, Hurd, 685.
- Migraine of nasal and otitic origin, Raoule, 180.
- Myxoma rhinopharynx, Dabney, 530, 893.
- NASAL catarrh prevalent, Freudenthal, 178.
- Nasal deformity from syphilis, Pierce, 975.
- Nasal ganglion neurosis, Sluder, 942.
- Nasal ganglion, relation to hyperplastic sphenoiditis, Sluder, 902.
- Nasal hydrops, hysterical origin, Beck, 984.
- Nasal origin of neuralgia and migraine, Raoule, 180.
- Nasopharynx, bony tumor, Dean, 421.
- Nasopharynx fibroma, Delavan, 912.
- Negroes, otolaryngologic disease, Roy, 629, 892.
- Neuralgia nasal and otitic origin, Raoule, 180.
- Neuralgia, trifacial, Beck, 985.
- Nerves second, third, fourth, fifth, sixth and Vidian, relation hyperplastic sphenoiditis, Sluder, 902.
- Neurosis, sphenopalatine ganglion, Sluder, 942.
- New York Academy of Medicine, Section on Otolaryngology, 111, 123, 348, 363, 681, 692, 950.
- Nose, angioma, Rene-Celles, 180.
- Nose, foreign body, Pierce, 975.
- Nose, necrosis, following removal tear duct, Beck, 984.
- Nose opening frontal sinus, Freer, 920.
- Nose operations, local versus general anesthesia, Beck, 597, 718.
- Nose surgery, pituitary extract as coagulant, Kahn, Gordon, 322, 404.
- Nose surgery, quinin and urea hydrochlorid, Herzig, 191.
- Nystagmus, glasses for observation, Wilson, 961.
- Nystagmus, vertical, caused by labyrinthine irritation, Lewy, 730.
- OCULOMOTOR, external, otitic paralysis, associated with involvement trigeminal, Gignoux, 172.
- Oral tuberculosis, Carmody, 193.
- Orbit, pseudotumor, Ruttin, 181.
- Otitic origin neuralgia and migraine, Raoule, 180.
- Otitis, external circumscribed, simulating mastoiditis, Potella, 176.
- Otitis media acute, bacteriology, Dwyer, 861, 955.
- Otitis media, mastoiditis, meningitis, and cerebral abscess, Kopetzky, 566, 696.
- Otitis media suppurativa acuta and acute meningitis caused by streptococcus mucosus capsulatus, Loughran, 673, 686.
- Otitis media suppurativa acuta and fracture base skull, Hurd, 685.
- Otitis media suppurativa acuta, difficulty closing perforation drum membrane, Bacon, 59, 123.
- Otitis media suppurativa chronica, isolation and cultivation tubercle bacillus, Cocks, Dwyer, 371.
- Otitis media suppurativa chronica with cholesteatoma followed by vertigo labyrinthine origin, Emerson, 834.
- Otitis media suppurativa chronica with labyrinthine fistula, radical operation, Friesner, 692.
- Otitis media suppurativa chronica, with special reference to tuberculosis, Phillips, 821.
- Otitis media suppurativa, metastatic conditions complicating, Oppenheimer, 348.
- Otitis media suppurativa, vaccine treatment, Coates, 785.
- Otitis, tubercular, Robinson, 363.
- Otogenous leptomeningitis, Mygind, 177.

- Otolaryngologic disease among negroes, Roy, 629, 892.
 Ozena, Axisa, 182.
- PACHYMENINGITIS, purulent, in acute exacerbation of chronic mastoiditis, Loughran, 676, 686.
 Palate, cleft, MacKenty, 63; Smith, 809.
 Palate, tuberculosis, Hollinger, 418.
 Palatine recesses, epithelioma, Escat, 186.
 Pansinuitis, chronic, Shambaugh, 921.
 Pansinuitis, etiology, Wilson, 915.
 Pansinuitis, intranasal exenteration ethmoidal labyrinth, Mosher, 918.
 Pansinuitis symposium, Wilson, 915.
 Papilloma larynx, Chiari, 190; Hubbard, 883.
 Paracusis Willisli, theories, McBean, 874, 965.
 Paralysis abducens, following acute mastoiditis, Myers, 800.
 Paralysis larynx, Stein, 669, 740.
 Paralysis vocal cords, Long, 976.
 Pharynx tuberculosis, Hollinger, 418.
 Pharynx tumor, Butler, 947; Jeanerret, 185.
 Pharynx wall, foreign bodies, Cox, 46.
 Pilocarpin treatment of specific nerve deafness, Dwyer, 111.
 Pituitary extract as a coagulant nose and throat surgery, Kahn, Gordon, 322, 404.
 Pituitary tumor, Halsted, 944.
 Pneumothorax, accidental, during tracheotomy, Iglauer, 303.
 Pollen, effect on upper air tract, Chappell, 932.
 Pollen therapy in hay fever, Goodale, 269, 933.
 Pregnancy and laryngeal tuberculosis, Imhofen, 188.
 Prelaryngeal tubercular adenitis, Liebault, 186.
 Protein extracts, effect on upper air tract, Chappell, 932.
 Psoriasis, Bechet, 952.
- QUININ and urea hydrochlorid, local anesthetic in tonsillectomy, Burns, 841.
- Quinin in nose and throat surgery, Herzig, 191.
- RADIOACTIVITY, effects on nasopharyngeal fibroma, Delavan, 912.
 Radium in middle ear deafness caused by chronic suppuration, Bryant, 171.
 Rhinopharynx, myxoma, Dabney, 530, 893.
 Rhinoscleroma, Hollinger, 419.
- SALIVARY duct diseases, Munger, 85.
 Salivary fistula complicating simple mastoidectomy, Van Wagenen, 682.
 Salvarsan treatment in specific nerve deafness, Dwyer, 111.
 Sarcoma, pharynx tumor, Butler, 947.
 Scleroma larynx, Boot, 961.
 Septum deformities, correction by transplantation of cartilage, Lewis, 488.
 Septum destruction following syphilis, Boot, 960.
 Septum reorganization after submucous resection, Mermoid, 181.
 Sinus, frontal, Dean, 733; Freer, 733; Good, 971.
 Sinus lateral, exploratory incision, Loughran, 676, 686.
 Sinus, sigmoid, accidental injuries during mastoidectomy, Scruton, 310, 375.
 Sinus, maxillary, diseases, Marquis, 52, 158.
 Sinus thrombosis, Boot, 554, 733; Bryan, 543; Downey, 613; Good, 971; Kopetzky, 383; White, 382.
 Sinuses, accessory, Coffin, 917; Moure, 179; Winslow, 501.
 Skiagraphy mastoid, Dixon, 124; Hays, 571, 706.
 Skull fracture and hemorrhage from meningeal artery through middle ear, Kopetzky, 379.
 Skull fracture and rupture middle meningeal artery with otitis media purulenta acuta, Hurd, 685.
 Society Proceedings, 111, 348, 681, 883.
 Sodium perborate in Vincent's angina, Stark, 48.

- Sphenoid anomaly, Meyer, 257.
 Sphenoiditis, hyperplastic, Sluder, 902.
 Sphenopalatine ganglion neurosis, syndrome, Sluder, 942.
 Streptococccemia complicating mastoiditis, Carter, 364.
 Streptococcus capsulatus mucosus causing acute meningitis and acute suppurative otitis media, Loughran, 673, 686.
 Streptococcus capsulatus mucosus pure culture from mastoid cells, Jones, 30.
 Submucous resection, Mermoid, 181.
 Syphilis and paralysis of vocal cords, Long, 976.
 Syphilis followed by destruction septum, Boot, 960.
 Syphilis with nasal deformity, Pierce, 975.
 Syphilitic ulceration tonsil, Hatch, 416.
- TEAR duct removal followed by necrosis of the nose, Beck, 984.
 Temperature, postoperative harmless, Cott, 96.
 Temporal bone surgical anatomy, Shambaugh, 421.
 Temporosphenoidal abscess, Le-shure, 854, 953.
 Teratoma tonsillar space, Braislin, 807.
 Throat, aching, Makuen, 12.
 Throat carcinoma, Boot, 420.
 Throat operations, local versus general anesthesia, Beck, 597, 718.
 Throat surgery, pituitary extract as coagulant, Kahn, Gordon, 322, 404.
 Throat surgery with quinin and urea hydrochlorid as anesthetic, Herzig, 191.
 Thrombosis cavernous sinus, Kopetzky, 688.
 Thrombosis lateral sinus, Boot, 554, 733; Bryan, 543; Downey, 613; Good, 971; Kopetzky, 383; White, 382.
 Tonsil, bacillus rarely found, Wilson, 158.
 Tonsil, capsule, surgical anatomy, Makuen, 895.
- Tonsil, indictment, Gile, 747.
 Tonsil, lingual, with Vincent's angina, Gesez, 185.
 Tonsil operation, Agnew, 44; Burns, 841; Cocks, 183; Fletcher, 591, 732, 741; Oertel, 763; Richardson, 927; Wishart, 641.
 Tonsillar fossae, postoperative treatment, Marquis, 880, 969.
 Tonsillar space, teratoma, Braislin, 807.
 Tonsillitis, purulent, followed by meningitic suppurative extradural abscess posterior fossa skull, Beck, 25.
 Trachea, endothelioma, Goodman, 851.
 Tracheotomy with accidental pneumothorax, Iglauer, 303.
 Trifacial involved with otitic paralysis of external oculomotor, Gignoux, 172.
 Trifacial neuralgia, Beck, 985.
 Tube suction, Hays, 950.
 Tubercle bacillus, isolation and cultivation from discharging ear in chronic purulent otitis media, Cocks, Dwyer, 371.
 Tubercular adenitis, prelaryngeal, Liebault, 186.
 Tubercular otitis, Robinson, 363.
 Tuberculiide, Bechet, 952.
 Tuberculosis dysphagia treated by resection superior laryngeal nerve, Aboulker, 187.
 Tuberculosis in reference to chronic purulent otitis media, Phillips, 821.
 Tuberculosis larynx, Holinger, 327, 410; Imhofen, 188; Long, 978; Sari, 187.
 Tuberculosis, millary, in case carcinoma throat involving esophagus, Boot, 420.
 Tuberculosis, oral, Carmody, 193.
 Tuberculosis pharynx and soft palate, Holinger, 418.
 Tumor, bony, nasopharynx, Dean, 421.
 Turbinate, inferior, Cavanaugh, 621, 713.
 Tympanic ossicular mobility, apparatus for measuring, Hubby, 307, 394.
- UPPER jaw, carcinoma, Beck, 417.

- Urea hydrochlorid and quinin as local anesthetic, Burns, 841; Herzig, 191.
- VACCINE therapy ear, Coates, 785; Haughey, 15.
- Ventricle larynx, Shambaugh, 129.
- Vertigo labyrinthine following chronic suppurative otitis media with cholesteatoma, Emerson, 834.
- Vertigo relieved by puncture of the dura, Dean, 867.
- Vertigo relieved by puncture dura in the neighborhood of the internal auditory meatus, Dean, 961.
- Vincent's angina occurring in lingual tonsil alone, Gesez, 185.
- Vincent's angina successfully treated sodium perborate, Stark, 48.
- Vincent's microorganisms infection ear, Mulholland, 485, 689.
- Vocal cords paralysis, Long, 976.
- X-RAY exposure, prolonged, with cicatrix, Bechet, 953.

